

MATERIAL USAGE AGREEMENT				USAGE AGREEMENT NO.:		PAGE OF		
PROJECT:		SUBSYSTEM:		ORIGINATOR:			ORGANIZATION:	
DETAIL DRAWING		NOMENCLATURE		USING ASSEMBLY			NOMENCLATURE	
MATERIAL & SPECIFICATION				MANUFACTURER & TRADE NAME				
USAGE	THICKNESS	WEIGHT	EXPOSED AREA	ENVIRONMENT				
				PRESSURE	TEMPERATURE	MEDIA		
APPLICATION:								
RATIONALE:								
ORIGINATOR:				PROGRAM MANAGER:			DATE:	

STRESS CORROSION EVALUATION FORM

1. Part Number _____
2. Part Name _____
3. Next Assembly Number _____
4. Manufacturer _____
5. Material _____
6. Heat Treatment _____
7. Size and Form _____
8. Sustained Tensile Stresses-Magnitude and Direction
 - a. Process Residual _____
 - b. Assembly _____
 - c. Design, Static _____
9. Special Processing _____
10. Weldments
 - a. Alloy Form, Temper of Parent Metal _____
 - b. Filler Alloy, if none, indicate _____
 - c. Welding Process _____
 - d. Weld Bead Removed - Yes (), No () _____
 - e. Post-Weld Thermal Treatment _____
 - f. Post-Weld Stress Relief _____
11. Environment _____
12. Protective Finish _____
13. Function of Part _____

14. Effect of Failure _____

15. Evaluation of Stress Corrosion Susceptibility _____

16. Remarks: _____
